

# OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

*Edited by*

**FRANCIS HEMMING, C.M.G., C.B.E.**

Secretary to the Commission

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## OPINION 381

Suppression, under the Plenary Powers, of two long-neglected specific names for the purpose of rendering the specific name *hispidus* Olivier, 1811, as published in the combination *Palaemon hispidus* (Class Crustacea, Order Decapoda), the oldest available name for the species concerned

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# INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

## COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN OPINION 381

### A. The Officers of the Commission

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*Honorary Life President* : Dr. Karl Jordan (*British Museum (Natural History), Zoological Museum, Tring, Herts., England*)

*President* : Professor James Chester Bradley (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953)

*Vice-President* : Senhor Dr. Afranio do Amaral (*Sao Paulo, Brazil*) (12th August 1953)

*Secretary* : Mr. Francis Hemming (*London, England*) (27th July 1948)

### B. The Members of the Commission

*(Arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology)*

Professor H. BOSCHMA (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)

Senor Dr. Angel CABRERA (*Eva Peron, F.C.N.G.R., Argentina*) (27th July 1948)

Mr. Francis HEMMING (*London, England*) (27th July 1948) (*Secretary*)

Dr. Joseph PEARSON (*Tasmanian Museum, Hobart, Tasmania, Australia*) (27th July 1948)

Dr. Henning LEMCHE (*Universitetets Zoologiske Museum, Copenhagen, Denmark*) (27th July 1948)

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Mr. Norman Denbigh RILEY (*British Museum (Natural History), London*) (9th June 1950)

Professor Tadeusz JACZEWSKI (*Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland*) (15th June 1950)

Professor Robert MERTENS (*Natur-Museum u. Forschungs-Institut Senckenberg, Frankfurt a. M., Germany*) (5th July 1950)

Professor Erich Martin HERING (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950)

Senhor Dr. Afranio do AMARAL (*S. Paulo, Brazil*) (12th August 1953) (*Vice-President*)

Professor J. R. DYMOND (*University of Toronto, Toronto, Canada*) (12th August 1953)

Professor J. Chester BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953) (*President*)

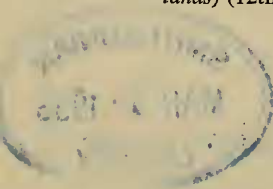
Professor Harold E. VOKES (*Johns Hopkins University, Baltimore, Maryland, U.S.A.*) (12th August 1953)

Professor Béla HANKÓ (*Mezőgazdasági Múzeum, Budapest, Hungary*) (12th August 1953)

Dr. Norman R. STOLL (*Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.*) (12th August 1953)

Mr. P. C. SYLVESTER-BRADLEY (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. HOLTHUIS (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (12th August 1953)



## OPINION 381

SUPPRESSION UNDER THE PLENARY POWERS OF TWO  
LONG-NEGLECTED SPECIFIC NAMES FOR THE  
PURPOSE OF RENDERING THE SPECIFIC NAME  
“HISPIDUS” OLIVIER, 1811, AS PUBLISHED IN  
THE COMBINATION “PALAEMON HISPIDUS”  
(CLASS CRUSTACEA, ORDER DECAPODA)  
THE OLDEST AVAILABLE NAME FOR THE  
SPECIES CONCERNED

**RULING** :—(1) The under-mentioned specific names are hereby suppressed for the purposes of the Law of Priority but not for those of the Law of Homonymy :—

- (a) *muricatus* Olivier, 1791, as published in the combination *Astacus muricatus* ;
- (b) *borealis* Latreille, [1802—1803], as published in the combination *Penaeus borealis*.

(2) The under-mentioned specific name is hereby placed on the *Official List of Specific Names in Zoology* with the Name No. 614 :—*hispidus* Olivier, 1811, as published in the combination *Palaemon hispidus*.

(3) The under-mentioned specific names are hereby placed on the *Official Index of Rejected and Invalid Specific Names in Zoology* with the Name Nos. severally specified below :—

- (a) the two specific names specified in (1) above, as there suppressed under the Plenary Powers (Name Nos. 254 and 255 respectively) ;
- (b) *longipes* Herbst, 1793, as published in the combination *Cancer (Astacus) longipes* (specific name of a junior homonym of *Cancer longipes* Linnaeus, 1758) (Name No. 256).

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## I. THE STATEMENT OF THE CASE

On 2nd February 1952, Dr. L. B. Holthuis (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) submitted an application for the use by the Commission of its Plenary Powers for the purpose of securing that the well-known specific name *hispidus* Olivier, 1811, as published in the combination *Palaemon hispidus* (Class Crustacea, Order Decapoda), should be the oldest available name for the species in question. After certain minor revisions had been made by Dr. Holthuis, this application was finally submitted in the following form on 28th April 1952 :—

**Proposed validation under the Plenary Powers of the trivial name  
“hispidus” Olivier, 1811, as published in the combination  
“Palaemon hispidus” (Class Crustacea, Order Decapoda)**

By L. B. HOLTHUIS

(*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*)

The purpose of the present application is to ask the International Commission on Zoological Nomenclature to use its Plenary Powers to preserve the trivial name now used for the well-known species universally known as *Stenopus hispidus* (Olivier, 1811) (Class Crustacea, Order Decapoda) by suppressing two earlier but long neglected trivial names which are applicable to this species.

2. *Stenopus hispidus* (Olivier) is a marine prawn, which by its elegant shape and vivid colouration has attracted the attention of scientists and non-scientists alike. It inhabits the entire Indo-West Pacific region (from the Red Sea and South Africa to Japan, Hawaii and the Tuamotu Islands) and has also frequently been found in the eastern Atlantic (Bermuda, West Indies). The species is well known and has been repeatedly mentioned in literature.

3. The trivial name *hispidus* was given to this species in 1811 and it has been used for it without interruption from 1818 till the present time (from 1837 till now the specific name *Stenopus hispidus* has been continuously used for this species). More than 65 authors have employed this trivial name. The name *Palaemon hispidus* Olivier, 1811, is however a junior synonym of the names *Astacus muricatus* Olivier, 1791, *Cancer (Astacus) longipes* Herbst, 1793, and *Penaeus borealis* Latreille, [1802—1803]. It is therefore not available nomenclatorially and could be used only under suspension of the Règles. *Cancer (Astacus) longipes* Herbst, 1793, it is true, is invalidated by the name *Cancer*

*longipes* Linnaeus, 1758, but *Astacus muricatus* Olivier and *Penaeus borealis* Latreille are available names in so far that they are not junior homonyms of other names. Both the trivial names *muricatus* Olivier, 1791, and *borealis* Latreille, [1802—1803], have been used by their original authors only.

4. A strict application of the *Règles* would thus necessitate the substitution of the trivial name *muricatus* Olivier for the trivial name *hispidus* Olivier. The change of the well-known name *hispidus* inevitably would lead to an enormous confusion in carcinological literature and therefore a suspension of the *Règles* seems to be perfectly justified in the present case.

5. The concrete proposals which I submit here for consideration are that the International Commission on Zoological Nomenclature should :—

- (1) use its Plenary Powers to suppress for the purposes of the Law of Priority, but not for those of the Law of Homonymy, the following trivial names :—
  - (a) *muricatus* Olivier, 1791 (*Ency. méth. Hist. nat.* 6 : 346), as published in the combination *Astacus muricatus* ;
  - (b) *borealis* Latreille, [1802—1803] (*Hist. nat. Crust. Ins.* 6 : 250), as published in the combination *Penaeus borealis* ;
- (2) place the trivial name *hispidus* Olivier, 1811 (*Ency. méth. Hist. nat.* 8 : 666), as published in the combination *Palaemon hispidus*, on the *Official List of Specific Trivial Names in Zoology* ;
- (3) place the following trivial names on the *Official Index of Rejected and Invalid Specific Trivial Names in Zoology* :—
  - (a) *borealis* Latreille, [1802—1803], as published in the combination *Penaeus borealis*, as proposed, under (1)(b) above, to be suppressed under the Plenary Powers ;
  - (b) *longipes* Herbst, 1793 (*Vers. Naturgesch. Krabben Krebse* 2 : 90), as published in the combination *Cancer (Astacus) longipes* (trivial name of a junior homonym of *Cancer longipes* Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 629) ;
  - (c) *muricatus* Olivier, 1791, as published in the combination *Astacus muricatus*, as proposed, under (1)(a) above, to be suppressed under the Plenary Powers.

6. In view of the fact that (as already explained) the species *Palaemon hispidus* Olivier is habitually referred to the genus *Stenopus* Latreille, 1819, I should have taken the present opportunity to ask that that generic name should now be placed on the *Official List of Generic Names in Zoology*, if it were not for the fact that the status of this name is dependent upon the decision to be taken on the application Z.N.(S.) 374 which I have submitted to the International Commission for the use of its Plenary Powers to suppress certain long neglected names for Crustacea published by Rafinesque between 1814 and 1817.

## II. THE SUBSEQUENT HISTORY OF THE CASE

**2. Registration of the present application :** Upon the receipt of Dr. Holthuis's application, the question of the use of the Plenary Powers in favour of the specific name *hispidus* Olivier, 1811, as published in the combination *Palaemon hispidus*, was allotted the Registered Number Z.N.(S.) 644.

**3. Publication of the present application :** The present application was sent to the printers on 4th July 1952 and was published on 29th August of that year in Part 11 of volume 6 of the *Bulletin of Zoological Nomenclature* (Holthuis, 1952, *Bull. zool. Nomencl.* 6 : 337—338).

**4. Issue of Public Notices :** Under the revised procedure prescribed by the Thirteenth International Congress of Zoology, Paris, 1948 (1950, *Bull. zool. Nomencl.* 4 : 51—56), Public Notice of the possible use by the International Commission on Zoological Nomenclature of its Plenary Powers in the present case was given on 29th August 1952 (a) in Part 11 of volume 6 of the *Bulletin of Zoological Nomenclature* (the Part in which Dr. Holthuis's application was published) and (b) to the other prescribed serial publications. In addition, such Notice was given also to certain general zoological serial publications.

**5. Comments received in the present case :** The issue of the Public Notices specified in paragraph 4 above elicited one letter of support. This was from Dr. Ricardo Zariquiey (*Enfermedades de la Infancia, Barcelona*). The communication so received is reproduced in the immediately following paragraph. No objection to the action proposed in this case was received from any source.

**6. Support received from Dr. Ricardo Zariquiey (Enfermedades de la Infancia, Barcelona, Spain) :** On 25th February 1953, Dr. Ricardo Zariquiey (*Enfermedades de la Infancia, Barcelona*) addressed a letter to the Commission notifying his support for the present and certain other applications submitted by Dr. Holthuis which had then recently been published in the *Bulletin of Zoological Nomenclature*. The portion of Dr. Zariquiey's letter relating to the present case was as follows:—

He recibido Commission's References . . . Z.N.(S.) 644 (*Palaemon hispidus*) . . . propuestas por el Dr. L. B. Holthuis, estando en todo conforme con las proposiciones del citado Doctor.

### III. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

**7. Issue of Voting Paper V.P.(54)47 :** On 5th April 1954, a Voting Paper (V.P.(54)47) was issued in which the Members of the Commission were invited to vote either for, or against, "the proposal relating to the specific name *hispidus* Olivier, 1811, as published in the combination *Palaemon hispidus*, as specified in Points (1) to (3) on pages 337 and 338 of volume 6 of the *Bulletin of Zoological Nomenclature*" [i.e. in the Points so numbered in paragraph 5 of the application reproduced in the first paragraph of the present *Opinion*].

**8. The Prescribed Voting Period :** As the foregoing Voting Paper was issued under the Three-Month Rule, the Prescribed

Voting Period was due to close on 5th July 1954. This Period was, however, extended by the Secretary to 23rd July 1954, owing to the fact that it coincided with the time of year when zoologists are commonly absent from their headquarters either on field work or on holiday.

**9. Particulars of the Voting on Voting Paper V.P.(54)47 :** At the close of the Prescribed Voting Period as extended to the date specified in paragraph 8 above, the state of the voting on Voting Paper V.P.(54)47 was as follows :—

(a) *Affirmative Votes had been given by the following eighteen (18) Commissioners (arranged in the order in which Votes were received) :*

Holthuis ; Bonnet ; Hering ; Vokes ; Riley ; Esaki ;  
Dymond ; Boschma ; Lemche ; do Amaral ; Hankó ;  
Bradley (J. C.) ; Sylvester-Bradley ; Hemming ; Cabrera ;  
Stoll ; Jaczewski ; Mertens ;

(b) *Negative Votes, one (1) :*

Pearson ;

(c) *Voting Papers not returned :*

None.

**10. Declaration of Result of Vote :** On 23rd July 1954, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P.(54)47, signed a Certificate that the Votes cast were as set out in paragraph 9 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the



decision so taken was the decision of the International Commission in the matter aforesaid.

**11. Preparation of the Ruling given in the present "Opinion" :**

On 15th May 1955, Mr. Hemming prepared the Ruling given in the present *Opinion* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(54)47.

**12. Original References :** The following are the original references for the names placed on *Official Lists* and *Official Indexes* by the Ruling given in the present *Opinion* :—

- borealis*, *Penaeus*, Latreille, [1802—1803], *Hist. nat. gén. partic. Crust. Ins.* 6 : 250  
*hispidus*, *Palaemon*, Olivier, 1811, *Ency. méth. Hist. nat.* 8 : 666  
*longipes*, *Cancer (Astacus)*, Herbst, 1793, *Versuch Naturgesch. Krabben Krebse* 2 : 90  
*muricatus*, *Astacus*, Olivier, 1791, *Ency. méth. Hist. nat.* 6 : 346

**13.** At the time of the submission of the present application the name applicable to the second portion of a binomen was "trivial name". This was altered to "specific name" by the Fourteenth International Congress of Zoology, Copenhagen, 1953, which at the same time made corresponding changes in the titles of the *Official List* and *Official Index* of names of this category. These changes in terminology have been incorporated in the Ruling given in the present *Opinion*.

**14.** The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Opinion* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

15. The present *Opinion* shall be known as *Opinion Three Hundred and Eighty-One (381)* of the International Commission on Zoological Nomenclature.

DONE in London, this Fifteenth day of May, Nineteen Hundred and Fifty-Five.

*Secretary to the International Commission  
on Zoological Nomenclature*

**FRANCIS HEMMING**